Work Ord <i>May-06-14 8:0</i>		9016		*110	3016 *							Page	1
tem ID: Revision ID:	D3552-23		Α	ccept	*N90	0040	100)* s	Setup S			S1*	
tem Name:	Door Prop								2	Stop	*N:	S2*	
tart Date:	5/05/14	Start Qty: 8.00	*8*		Cust Iter	n ID:							
Required Date	: 5/05/14	Req'd Qty: 8.00	*8*		Custome	r:							
Reference:								_					
Approvals:	Process Pla	an: MLT	Date: 14-05-07	Tooling:		Date:		R		tart	*N	R1 *	
		•	Date:	SPC (Y/N):		Date:				Stop	*N	R2*	
Sequence ID/ Work Center 1	ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rejec Qty		Reject Number	Insp. Stamp	
Draw Nbr	Re	vision Nbr						-					_
D3552	K												
.00				0.00			-						
100		PURCHASING							<u> </u>	1/03	5/09	8	_
Purchasing		Memo	aurd	0.00					,	,			
Purchasing		Supplier: L	art Number: B6-190-475-0701 S Technologies	N									
		Centificate	of conformity is required						A				
110		Receive & Inspect for D	Damage & Mat'l Certs	0.00							, ,	\bigcap_{i}	
*1:1 0 *								1	14	1011	3/8	~/	
Packaging		Memo		0.00						7			-
Packaging		Ensure cert	ificate of conformity is attach	ed									
				DAS									
4				27 9189 .									
120		QC6- Inspect dimension	ns to drawing	0.00				C					
120				MIS 1	21								_
QC		Memo		0.00	•								

Quality Control

Test for correct pressure

DQA:			Date:			WORK ORDER NON		NEO!	DB448165 / 11	DDATE			DART
QA Closed:			Date:			WORK ORDER NON	-C(JNFO	RIVIANCE / U		Vork Order u	pdate only	AEROSPACE
						DISPOSITION				*****	EPARTMENT		
Work Orde	er: .						,				_		
Part N	la.					Rework Scrap			Skid-tube Machining	Crosstube Small Fab	_ Pro	Water Jet d. Eng. Coor.	Engineering Quality
	•				_	Use-as-is			noforming	Finishing		re/Packaging	Other
NCR N	۱o. ₋					Suspected Unapproved			Large Fab	Composite		Supplier	
Root					Desci	ription of work order update		nitial	Act	tion	Sign &		
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
Design													
Doc/Data													
Equip/Tooling													
Handling/Pre													
Material													
Operator													
Offset/Setup												:	
Process													
Supplier													
Training													
Transport													
Unapproved													
							FAU	ULT CA	TEGORY				
Landi	ng G	iear				General		_				_	_
		Bending				Bend		Folio/F	Program	L	Outside Dim	ensions	Pressure/Forced
		Centre No	t Concer	ntric		BOM/Route		Grain		L	Over/Under	tolerance	Set-up
		Cracks				Broken/Damage/Defect		Hardwa	ire	L	Part Incorre	ci _	Temperature/Cure
		Crimp/Kin	ık/Ripple	/Wave		Burrs		Inspect	ion Incomplete/U	nqualified	Part Lost/M	issing	Weld
		Cuffs				Contamination		Instruct	tions Incomplete/	Unclear	Part Moved		Wrong Stock Pulled
		Crushing				Countersink		Misalig	ned/off center		Positioned V	Vrong	_
		Heat Trea	t			Cut Too Short		Mislabe	eled		Power Loss/	'Surge	Other
		Inspection	n Strip in	Tube		Drawing		Misread	d				
		Marks/Ch	atter			Drill Holes		Off-set					
		Turning So	equence			Finish		Out of	Calibration				
		Wave/Tw	ist in Tub	ре		Fit/Function		Out of	Sequence				

Work Ord May-06-14 8:		19016		*110	2016*						Page 2
Item ID: Revision ID:	D3552-23			Accept	*N900	040	100)*	Setup Sta	11	S1*
Item Name: Start Date: Required Date Reference:	5/05/14 e: 5/05/14	Start Qty: 8.00 Req'd Qty: 8.00	*8* *8*		Cust Item I Customer:	D:				~IVI	S2*
Approvals:	Process Pl	an:	Date:	Tooling:	Da	ate:			Run Sta	~1 <i>7</i> 1	R1*
	QC:		Date:	SPC (Y/N):	D:	ate:			Sto	*N	R2*
Sequence ID/ Work Center	ID	Operation Description	ock Location: 5T2(6)	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	t Reject Qty DA	Reject Number	Insp. Stamp
120 Packaging Packaging		Memo	DER EDUCATION. STOROL	0.00				8x	21	3 441	2 1 2014

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

140

140 QC

Quality Control

14/5/21 D MF 5.21

Page 2

DQA:			Date:										TRAGG
						WORK ORDER NON-	-CC	ONFO	RMANCE / UPDA ⁻				AEROSPACE
QA Closed:			Date:							W	ork Order up	date only	
Work Orde	· ·					DISPOSITION			A	GAINST DE	PARTMENT	PROCESS	
Work Orde	-		*	-		Rework	1		Skid-tube Cro	osstube	1	Water Jet	Engineering
Part N	lo.					Scrap			 	nall Fab	Pro	d. Eng. Coor.	Quality
, 4, 5,	•					Use-as-is		l .	~ <u>~</u>	inishing	-{	e/Packaging	Other
NCR N	۰ ۱۵۰					Suspected Unapproved			Large Fab Con	mposite]	Supplier	
Root					Desci	ription of work order update		Initial	Action		Sign &		
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Description	n	Date	Verification	QC Inspector
Design					-								
Doc/Data													
Equip/Tooling													
Handling/Pre													
Material													
Operator													
Offset/Setup													
Process													
Supplier													
Training							1		:				
Transport			·										
Unapproved							<u> </u>			<u>_</u>			
							FA	ULT CA	TEGORY		-		· · · · · · · · · · · · · · · · · · ·
Landi	$\overline{}$				_	General	_] <i></i> .		Γ]		Pressure/Forced
	-	Bending			-	Bend	<u> </u>	4	Program	-	Outside Dim Over/Under	<u> </u>	Set-up
	-	Centre No	ot Concer	itric		BOM/Route Broken/Damage/Defect	-	Grain Hardwa	270	-	Part Incorred	—	Temperature/Cure
	-	Cracks	sk/Binnlo	Mayo	-	Burrs		4	are ion Incomplete/Unqualif	fied	Part Lost/Mi		Weld
	_	Crimp/Kir Cuffs	ік/кірріе	/ wave	\vdash	Contamination	-	4	tions Incomplete/Unclea	_	Part Moved	331118	Wrong Stock Pulled
	-	Crushing			-	Countersink	-	4	gned/off center	" ⊢	Positioned V	L_ Vrong	JWTOING STOCK T direct
	_	Heat Trea	ıt.		<u> </u>	Cut Too Short	-	Mislabe		ļ	Power Loss/		Other
	\vdash	Inspection		Tube		Drawing	-	Misrea		<u></u>	٦. ٥.,٠٠٠ د عام		
	-	Marks/Ch	•	· abc		Drill Holes	\vdash	Off-set				-	
		Turning S			-	Finish	-	4	Calibration				
	H	Wave/Tw				Fit/Function		4	Sequence				

Picklist Print

May-06-14 8:09:37 AM

Work Order ID: 119016

119016

Parent Item:

D3552-23

D3552-23

Parent Item Name: Door Prop

Start Date: 5/05/14

Required Date: 5/05/14

Page 1

Start Qty: 8.00

Required Qty: 8.00

Comments:

IPP Rev:A 11.04.07 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
B6-190-475-070N		Purchased	No				Each	0.0000		8			
*B6 100 /	750701	\1 *							**		lu is	1,2/	<i>-</i> /

Mn-190-4/5-0/01

Door Prop

DQA:			Date:						_						TRAC ["]
						WORK ORDER NON-	-CC	ONFO	RMANCE / UF				–	_	AEROSPACE
QA Closed:			Date:								W	ork Order up	odate only		
Mark Orde	ar.					DISPOSITION				AGAINST	DE	PARTMENT,	/PROCESS		
Work Orde	٠.					Rework			Skid-tube	Crosstube	_	1	Water Jet	\neg	Engineering
Part N	lo.					Scrap			Machining	Small Fab		Pro	d. Eng. Coor.	┪	Quality
	•	-				Use-as-is			noforming	Finishing		1	re/Packaging		Other
NCR I	No.					Suspected Unapproved			Large Fab	Composite			Supplier		
Root					Desci	ription of work order update		nitial	Acti			Sign &	_		
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Descri	ption		Date	Verification	4	QC Inspector
Design														1	
Doc/Data														1	
Equip/Tooling															
Handling/Pre														1	
Material														-	
Operator															
Offset/Setup														١	
Process															
Supplier															
Training															
Transport															
Unapproved		<u></u>	<u> </u>	<u> </u>			FΔI	III T CA	TEGORY	*****		<u></u>		-	
Landi	nø (Gear				General									
20.1141		Bending				Bend	Г] Folio/F	Program			Outside Dim	ensions	٦	Pressure/Forced
	\vdash	Centre No	ot Concer	ntric	ļ	BOM/Route		Grain	J			Over/Under	tolerance	7	Set-up
		Cracks				Broken/Damage/Defect	_	Hardwa	are			Part Incorre	ci 📙	٦.	Temperature/Cure
		Crimp/Kir	nk/Ripple	/Wave		Burrs		Inspect	ion Incomplete/Un	qualified		Part Lost/Mi	ssing	\neg	Weld
		Cuffs	• • •			Contamination		4 '	tions Incomplete/U	· ·		Part Moved	T		Wrong Stock Pulled
		Crushing				Countersink		4	gned/off center			Positioned V	Vrong	_	
		Heat Trea	it			Cut Too Short		Mislabe	eled			Power Loss/	Surge		Other
		Inspection	n Strip in	Tube		Drawing		Misrea	d	'					<u> </u>
		Marks/Ch	atter			Drill Holes		Off-set							
		Turning S	equence			Finish		Out of	Calibration						
		Wave/Tw	ist in Tub	e		Fit/Function		Out of	Sequence _						

SPECIFICATION CONTROL DRAWING

D3552-103 BALL SOCKET END
REF

D3552-7/-9/-11/-13/-15/-17/-19/-21/-23/-25/-27
DOOR PROP
REF

D3552-103 BALL SOCKET END
REF

ADD: X* TO LS TECHNOLOGIES PAYS TO DESIGNATE
EXTRA DAMPING: FOR D3852-15/-17/-19/-25/-27.

MB 12.07

SHOP COPY
RETURN TO
REGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT

WITHOUT NOTICE

WORK ORDER NO. 119016 MLJ

1405-07

С

D3552-101 CLIP
REF

D3552-101 CLIP
REF

D3552-101 CLIP

к	'EXTR	DAM		OLOGIES P/N's TO DESIGNATE R D3552-15/-17/-19/-25/-27.	мв	12.07.16	ľ
J	NUMBE -19 WA	R FOR	1-15, -17 5.06 NOV	REMOVE ALTERNATE PART AND -19, STROKE FOR -15, -17 AND V 154/6.06, EXTENDED LENGTH FOR V86/15.2 NOW 387/15.2.	АР	11.12.07	
1	ADD P/	N D355	2-23		RF	11.10.11]
н	ADD P/	N D355	2-21		DÇ	11.03.10] ,
G	154-387	-300N 7 WAS	WAS 88 160/6.30	7.4 WAS 400/89.9, SUPPLIER P/N B8- -154-387-400N; FOR -17, STROKE; , EXT LG: 386/15.2 WAS 407/16.0, 387-156N WAS 88-187-408-156N	JPH	10.11.01	`
F	ADD PA	N D355	2-15/-17/	-19 AND ALTERNATE SUPPLIER	JPH	10.07.27]
E	ADD P/I FROM DWG	N D355 GAS S	2-13 ZN PRING	B8-1, A8-1, D6-1, CHANGE NAME TO "DOOR PROP" THROUGH OUT	HS	10.02.03	
D	D1-1 AN	D C2-1	AND ZN	D8-1, C7-1, C1-1 AND D3552-103 ZN B8-1; ADD NOTE REGARDING -103 COMPATIBILITY ZN A8-1	HS	09.04.02	_
С			AND CO	INVERSIONS FOR INSPECTION: 52-7	LE	07.08.01	
В	ADD D3	552-7/-	9; UPDA	TE DESC. D3552-1/-3/-5	LE	06.10.24	
A	NEW IS	SUE			LÉ	06.09.15	
REV.				DESCRIPTION	BY	DATE	
DESIGN	1		E	DART AEROSPA	CEL	TD	A
DRAWN	1		\$ 0	HAWKESBURY, ONTARE			
CHECK	ED		\mathcal{M}	DRAWING NO.		REV. K	
MFG. A	PPR.	0	ŁΛ	D3552		SHEET 1 OF 2	
APPRO	VED	1	WJ	TITLE		SCALE	
DE APF	PR.	_	#	DOOR PROP		NTS	
DATE	12.0	7.16) 	COPYRIGHT © 2006 BY DART A THIS DOCUMENT IS REVIATE AND CONTRETING AND IS SUPPLIED NOT TO BE USED FOR ANY PLINOISE OR COPED OR COMMANDA WHETTEN PROMISED ON PROJECTION PROJECTION PROJECTION PROGRAMMENT	ON THE EXPRESS	ELTD S COMPUTION THAT IT IS ER PERSON WITHOUT	



DART PART NUMBER	DESCRIPTION	STROKE (mm/in)	EXTENDED LENGTH (mm/in)	FORCE (N/lb)	END FITTING	MATERIAL	SUPPLIER	SUPPLIER PART NUMBER OR MODE NUMBER
D3552-1	DOOR PROP	220/8.66	530/20.6	70/15.7	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-220-530-070N
D3552-3	DOOR PROP	200/7.87	490/19.3	200/45.0	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-200-490-200N
D3552-5	DOOR PROP	175/6.89	430/16.9	150/33.7	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-175-430-150N
D3552-7	DOOR PROP	220/8.66	530/20.9	70/15.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-220-530-070N
D3552-9	DOOR PROP	200/7.87	490/19.3	200/45.0	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-200-490-200N
D3552-11	DOOR PROP	240/9.45	575/22.6	150/33.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-240-575-150N
D3552-13	DOOR PROP	220/8.66	530/20.9	140/31.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B6-220-530-140N
D3552-15	DOOR PROP W/EXTRA DAMPING	154/6.06	387/15.2	300/67.4	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-300N
D3552-17	DOOR PROP W/EXTRA DAMPING	154/6.06	387/15.2	156/35.1	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-156N
D3552-19	DOOR PROP WÆXTRA DAMPING	154/6.06	387/15.2	60/13.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-060N
D3552-21	DOOR PROP	167/6.57	410/16.1	70/15.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B6-167-410-070N
D3552-23	DOOR PROP	190/7.48	475/18.7	70/15.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B6-190-475-070N
D3552-25	DOOR PROP W/EXTRA DAMPING	148/5.83	475/18.7	300/67.4	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-148-475-300N
D3552-27	DOOR PROP W/EXTRA DAMPING	148/5.83	475/18.7	156/35.1	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-148-475-156N
D3552-101	CLIP	N/A	N/A	N/A	N/A	CARBON STEEL	LS TECHNOLOGIES	C9
D3552-103	BALL SOCKET END	N/A	N/A	N/A	N/A	NYLON	LS TECHNOLOGIES	B10

D3552-X DOOR PROP

С

В

DESIGN	GE	DART AEROSP	ACE LTD
DRAWN		HAWKESBURY, ONTA	RIO, CANADA
CHECKED	.07	DRAWING NO.	REV. K
MFG. APPR.	M.	D3552	SHEET 2 OF 2
APPROVED	-#6	TITLE	SCALE
DE APPR.	4	DOOR PROP	NTS
DATE 12.0	07.16	COPYRIGHT © 2006 BY DAR! THIS DOCUMENT IS PRIVATE AND COMPUTATION OF SUPPINION OF	LIED ON THE EXPRESS CONDITION THAT IT IS NICATED TO ANY OTHER PERSON WITHOUT

NOTES:
1) IDENTIFICATION: IDENTIFY PER QSI 044 6.2
2) D3552-101 CLIP IS ONLY COMPATIBLE WITH D3552-11/-3/-5-DOOR PROPS
3) D3552-103 BALL SOCKET END IS ONLY COMPATIBLE WITH D3552-7/-9/-11/-13/-15/-17/-19/-21/-23/-25/-27 DOOR PROPS

D



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO24154

Purchase Order Date 5/9/2014 PO Print Date 5/9/2014

Page Number 1 of 2

Order From:

LS TECHNOLOGIES INC. 314 JESSOP AVE SASKATOON, SK S7N 1Y6 CA VC-LST0001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

FOXIYOSOO

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

306 683 5000

FedEx PI collect

Door Prop

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607 Net 30

Terms

CAD

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	B8-220-530-070N	CARBON STEEL GAS SPRING	5/14/2014		8.00	\$36.85	\$294.80
			Yes		Each		
			5/14/2014				
	AS PER DWG D3552-7 REV. K B118882						
						Line Total:	\$294.80

AS PER DWG D3552-23 REV. K B119016

B6-190-475-070N

5/14/2014 8.00 Yes Each 5/14/2014

\$32.50

\$260.00

Line Total:

\$260.00

Note:

LS TECHNOLOGIES INC

Saskatoon, SK S7N 1Y6 314 Jessop Ave Saskatoon, SK S7N 1Y6 Ph# (306) 683-5000

Name / Address	:
Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7	

Packing Slip

P.O. No.	Date	Invoice #
24154	5/12/2014	11200

Ship To	
Main Finished Goods Locati	on
Dart Aerospace Ltd	
1270 Aberdeen St.	
Hawkesbury, ON K6A 1K7	

Ship	Via	FOB
5/12/2014	Fed-Ex	

Qty	Description
8	D3552-7 B118882 Gas Spring (B8-220-530-070N)
8	D3552-23 B1 19016 Gas Spring (B6-190-475-070N)
	01 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	Shipping Via FED EX Tracking # 798829748584
	·



LS Technologies Inc 314 Jessop Ave Saskatoon, SK, S7N 1Y6 Ph: (306) 683-5000 Fax: (306) 683-6403

Certificate of Compliance

May 12, 2014

This is to certify that the parts listed below meets specifications as required by your order.

8 Units: D3552-7 B118882 Gas Spring (B8-220-530-070N)

8 Units: D3552-23 B119016 Gas Spring (B6-190-475-070N)

Country of Manufacture: Canada Date of Manufacture: April 2014 This product is ROHS compliant.

Purchase Order # 24154 Invoice # 11200

L S Technologies Inc Canada

Nolan Fehr Manager